<u>L</u>			N. S.							-		
Work Orde Monday, May 09,								-				Page 1
Item ID:	D3294-1			Accept					Setup	Start		
	Bracket									Stop		
Start Date: : Required Date: : Reference:	5/9/2011 5/13/2011	Start Qty: 9.00 Req'd Qty: 9.00			Cust Item I Customer:	D:				•		
Approvals:	Process Plan	: MVF	Date: <u>1\-05-09</u>	_		ate:		•	Run	Start Stop		
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Reje Qty		Reject Number	Insp. Stamp
Draw Nbr	Revis	sion Nbr	3110		The state of the s	Management of Management						ALL LAND CONTRACTOR OF THE PARTY OF THE PART
D3294	Rev (
00 Waterjet		Мето		0.00			v - verene	181	(- <u>5</u> -	10		
FLOW CNC Waterjet ついなく 。 こん	ı	I-Cut as per CUt File D3 Dwg Rev:_ Prog Rev:_									(id)	

QC2- Inspect parts off machine FAI/FAIB

2-Deburr if necessary

0.00

Memo

0.00

B11-5-10

Quality Control

*grain direction on a 45 deg as per dwg**

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W/O:			W	ORK ORDER CHANC	GES							
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	(Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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Part No	:	PAR #:	Fault Cate	gory:	NCR: Y	es No	No DQA: Date:					
				Disposition: QA: N/C Closed:								
NCR:	,	1	WORK ORD	ER NON-CONFORM	ANCE (N	CR)						
DATE	STEP	Description of NC				cation	Approval	Approval				
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng		n & ate	Secti	ion C	Chief Eng	QC Inspector		
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Work Orde Monday, May 09						7						Page 2
Item ID: Revision ID:	D3294-1		- 4	Accept					Setup	Start		
		Start Qty: 9.00 Req'd Qty: 9.00			Cust Item I Customer:	D:	·			Stop		
Approvals:	Process Plan	:	Date:	Tooling: SPC (Y/N):		ate:			Run	Start Stop		
Sequence ID/ Work Center ID 120 QC Quality Control	"]	Operation Description QC8- Inspect parts - secon	nd check	Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
130 Brake NC Brake NC		Memo 1-Deburr if n 2-Bend as per (Ensure angle	Dwg D3294	0.00	īs IIlosli	9		9				Pro

0.00

QC5- Inspect part completeness to step on W/O

Memo

140

Quality Control

W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCE	DURE CH	IANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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			•								
Part No:		esolution: Scap			R Yes N	o DQA:		105/18			
NCR: 60	1340	WO	RK OR	DER NON-CONFORMANCE	E (NCR)	<u> </u>					
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector			
uloslo	130	I piece crack et the handing I changed for a big bottom die	Basen	Serap - destroy Wo replace	Elb s l 10	B11.05.10	Barren	11.05.10			
		die toskther		·							
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Work Order ID 69340

Monday, May 09, 2011 11:32:28 AM



Page 3

Item ID:

D3294-1

Accept

Setup Start

Stop

Revision ID:

Item Name:

Bracket-

Start Date: / 5/9/2011

Start Oty: 9.00 Reg'd Otv: 9.00

Cust Item ID:

Customer:

Reference:

Required Date: 5/13/2011

Approvals:

Process Plan:

Date: Date:

Tooling:

SPC (Y/N):

Date:

Start Run

Stop

Sequence ID/ Work Center ID

150

HandFinish Hand Finishing Operation Description

Chemical Conversion Coat per OSI005 4.1

Run Hours

0.00

0.00

Set Up/

Tool ID

Tool # Plan Code

Date:

Accept Qty

Reject Oty

Reject

Number Stamp

160

Quality Control

OC3-Inspect Part Finish

Memo

Memo

0.00

0.00

0.00

0.00

105/17

170

Small Fab Small Fab

Memo

1-Install D3294-5 doubler to D3294-3 bracket with rivets as per dwg. D3294

111/0	•		147	WORK ORDER CHANGES													
W/O:			VV	ORK ORDER CHANG	JES .	<u> </u>			Approval								
DATE	STEP	PRO	OCEDURE CHA	NGE	l	Ву	Date	Qty	Approval Chief Eng /	Approval QC Inspector							
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Part No.	4	DAD #•	Equit Cate	agan.	NCR: Yes No DQA: Date:												
raitino			ution: PAR #: Pault Category:					en de la companya de									
	R								Date:								
NCR:		1	WORK ORD	ER NON-CONFORM	IANCE ((NCR)	•										
		Description of NC		ction B		Verific	cation	Approval	Approval								
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	& Section C		Chief Eng	QC Inspector							
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Work Order ID 69340

Monday, May 09, 2011 11:32:28 AM



Page 4

Item ID:

D3294-1

Accept

Setup Start

Stop



Revision ID:

Item Name: Start Date:

Required Date: 5/13/2011

Bracket

5/9/2011

Start Qty: 9.00

Req'd Qty: 9.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

OC:

Date:

Date: _____

Tooling:

SPC (Y/N):

Set Up/

Date:

Date:

Run Start



Stop

Sequence ID/

Work Center ID

180

QC

Quality Control

Operation Description

QC5- Inspect part completeness to step on W/O

Run Hours

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number Stamp

Insp.

0.00 S WOT13

190

Powdercoat

Powder Coating

200



Quality Control

Black Sandtex(Ref:4,3.5.7) per QSI005 4.3

Memo

0.00

Oven Temperature:

QC3-Inspect Part Finish

Memo

0.00

0.00

W/O:			WORK ORDER CHANGES										
DATE	STEP	PRO	OCEDURE CHAI	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
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Part No	:	PAR #:	Fault Cated	jory:	NCR: Yes	NCR: Yes No DQA: Date:							
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NCR:		,	WORK ORDE	R NON-CONFORM	IANCE (NO	R)							
DATE	STEP	Description of NC			ction B		Verification Appr		Approval				
	J.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat		tion C	Chief Eng	QC Inspector				
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Work Order ID 69340

Monday, May 09, 2011 11:32:28 AM



Page 5

Item ID:

D3294-1

Accept



Setup Start

Revision ID:

Start Date:

Item Name:

Bracket

5/9/2011

Start Qty: 9.00

Reg'd Oty: 9.00



Cust Item ID:

Customer:

Reference:

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Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Set Up/

Run Hours

Date:

Date:

Run

Start

Stop

Stop



Required Date: 5/13/2011

QC:

Sequence ID/ Work Center ID

210

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location

0.00

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject

Reject Number Stamp

Insp.

220

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

Memo

· = 0.00

W11.05-13

W/O:			WC	RK ORDER CHANG	2EC					
DATE	STEP	PROCEDURE CHANGE					Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:	Fault Cate	gory:	NCF	l: Yes	No DQ	A:	Date:	
	R	esolution:	Disposition	າ:	QA:	N/C CI	osed:		Date: _	
NCR:	WORK ORDER NON-CONFORMANCE (NCR)								***	
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Sec Action Description Chief Eng	ction B	Sign 8 Date	Verific Sect	fication Approximation C Chief Ed		Approval QC Inspector
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		-								

Picklist Print

Monday, May 09, 2011 11:32:25 AM

Work Order ID: 69340

Parent Item:

D3294-1

Parent Item Name:

Bracket



Start Date: 5/9/2011

Required Date: 5/13/2011

Page 1

Start Qty: 9.00

Required Qty: 9.00

Comments:

1PP □A□04.08.24□New issue□KJ/JLM□

1PP Rev:B Now On Waterjet 07-03-26 JLM

IPP Rev:C 08-07-16 Redesign part DD verified by:EC IPP Rev:D 08-10-06 revB as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M2024T3S.080		Purchased	No			100	sf	134.0000	1.8	17.05263	. 1	8.8	
2024-T3 .080 sheet		ľ									B11-5-	10	
				Location		Loc	Qty	Loc Code					
				MAT022			134		_				
					105411		6		_				
					109424		4		_				
					110347		2		_			(iA)	
					110908		3					(10)	
					112331		3		_			\sim	
					113796		7		_				
					114025		17.2						
					116604		7.8		_				
					117392		84		_	117347			
D3294-5 		Manufactured	No			170	Each	13.0000		/5-4 ₇	105	/12	
				Location		Loc	<u>Qty</u>	Loc Code		•			
				GA			13						
					55331		2			2			
					68359		11			7			

	•									
W/O:			, W(ORK ORDER CHANG	GES					
DATE	STEP	PRO	OCEDURE CHA	INGE	B	1	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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NCR:			WORK ORD	ER NON-CONFORM	IANCE (N	ICR)				
D.A.T.	0755	Description of NC		ction B		Verifi	cation	Approval	Approval	
DATE	STEP	Description of NC Section A	Initial Action Description Chief Eng Chief Eng			Section C		Chief Eng	QC Inspector	
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Picklist Print

Monday, May 09, 2011 11:32:25 AM

Work Order ID: 69340

Parent Item:

D3294-1

Parent Item Name: Bracket



Start Date: 5/9/2011

Required Date: 5/13/2011

Page 2

Start Qty: 9.00

Required Qty: 9.00

MS20470AD4-5

Purchased

No

170

1,533.000 Each

Loc Code

Rivet, Universal Head

<u>Location</u>	Loc Qty
ST319	1533
116410	14
116893	1519

	•														
W/O:		-	W	ORK ORDER CHANG	ES										
DATE	STEP	PRO	OCEDURÉ CH	ANGE	В	У	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
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		·													
		:					_								
Part No	•	PAR #:	Fault Cat	egory:	NCR: Yes No DQA: Date:										
	R	esolution:	Dispositi	on:	QA: N/C Closed: Date:										
NCR:			WORK OR	DER NON-CONFORMA	ANCE (I	NCR)	ı								
DATE	STEP	Description of NC			ion B		Verifi	cation	Approval	Approval					
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date	Section C		Chief Eng	QC Inspector					
l							-								
		·													
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DART AEROSPACE LTD Work Order: 69340

Description: Bracket Assembly Part Number: D3294-1

Inspection Dwg: D3294 Rev: C Page 1 of 1

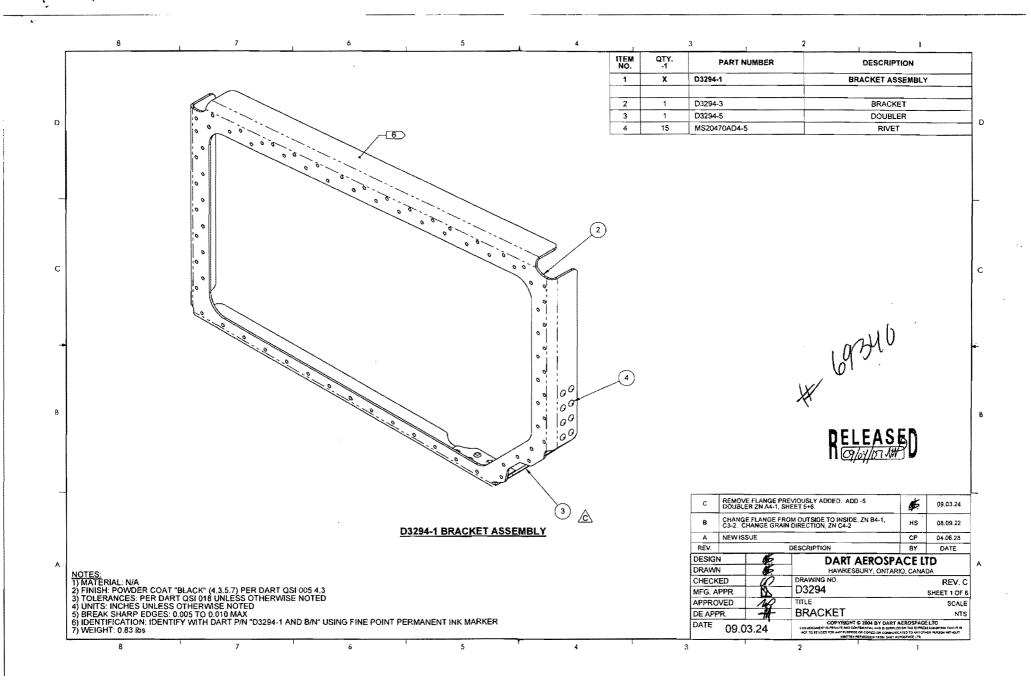
FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

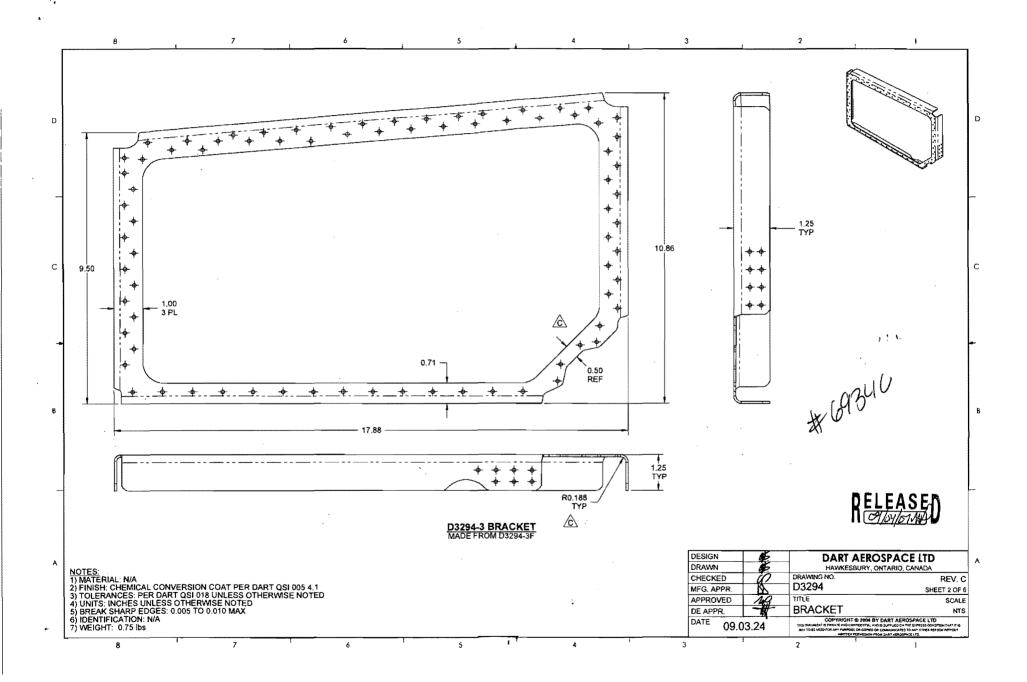
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
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Ø0.141	+0.005/-0.001	1141	7-		TV T	
6.708	+/-0.010	6,709	æ		V	
1.118	+/-0.010	1.170	8		V	
5.590	+/-0.010	5,597	d		V	
1.118	+/-0.010	1,170	ъ		V	
13.563	+/-0.010	13.563	>		7 4801	***
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20.05	+/-0.030	20.06	<u>}</u>		Т	. • -
12.98	+/-0.030	89.61	7		7	
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Measured by:	_{IB}	Audited by:	2	Prototype Approval:	N/A
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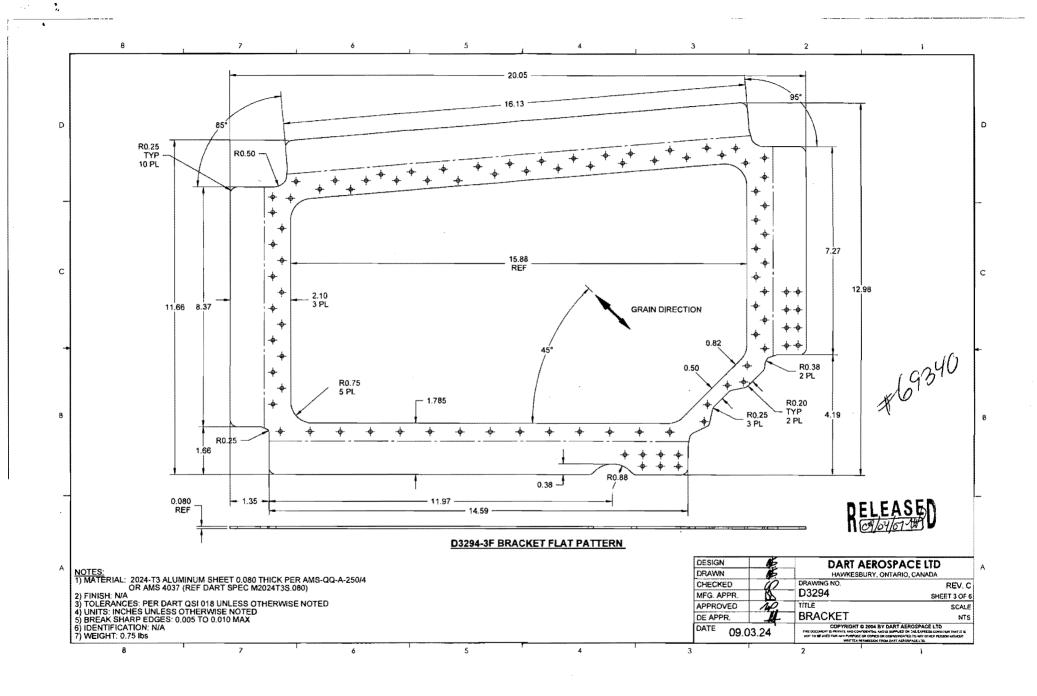
Rev	Date	Change	Revised by	Approved
Α	04.08.24	New Issue	KJ/JLM	
В	06.03.09	Dimension 12.97 was 13.03	KJ/JLM	
С	08.11.27	Dimensions updated per Dwg Rev B	KJ/EC	
D	09.07.29	Dimension 2.100 was 2.072	KJ 1A	41
Ε	09.09.14	Dimensions updated per Dwg Rev C	KJ 9	180



W/O:			V	ORK ORDER CHANGE	ES	· · · · · · · · · · · · · · · · · · ·				
DATE	STEP	PROC	EDURE CH	IANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:								
	Resolution: Disposition: O					N/C Clo	sed:		Date: _	
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	& Section C		Chief Eng	QC Inspector
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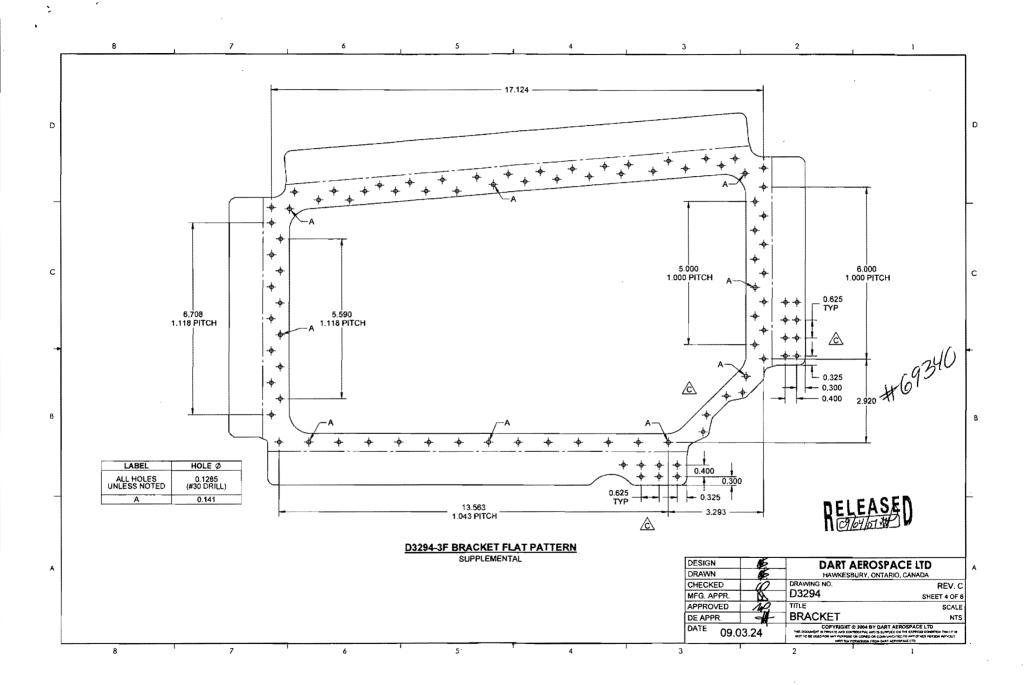


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Part No		PAR #:	Fault Cat	egory:	NC	R: Yes	No DQ	A:	Date:	
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NCR:	*	\	WORK ORI	DER NON-CON	FORMANCE	(NCR)			
DATE	STEP	Description of NC	Corrective Action Section			Verification			Approval	Approval
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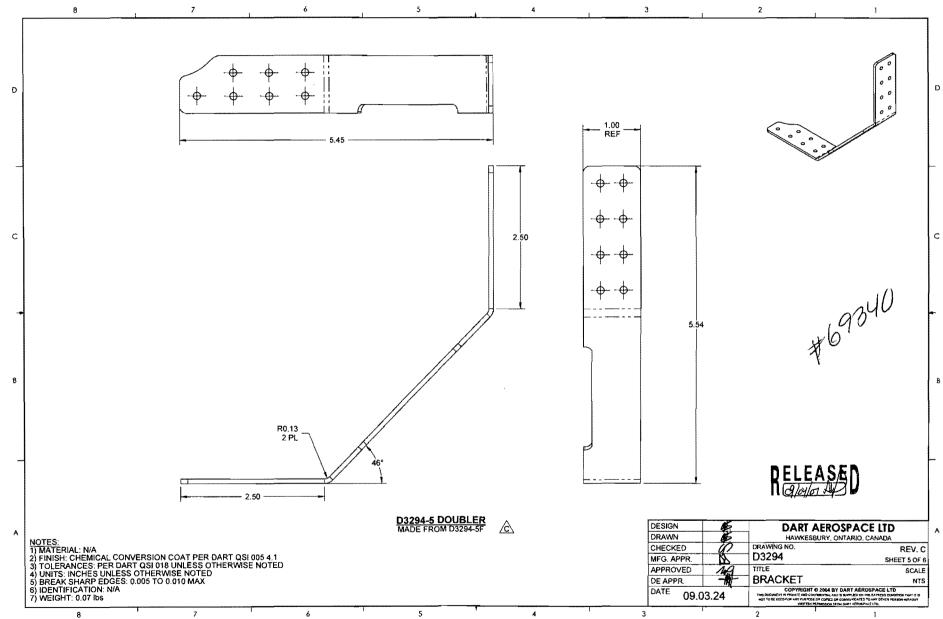
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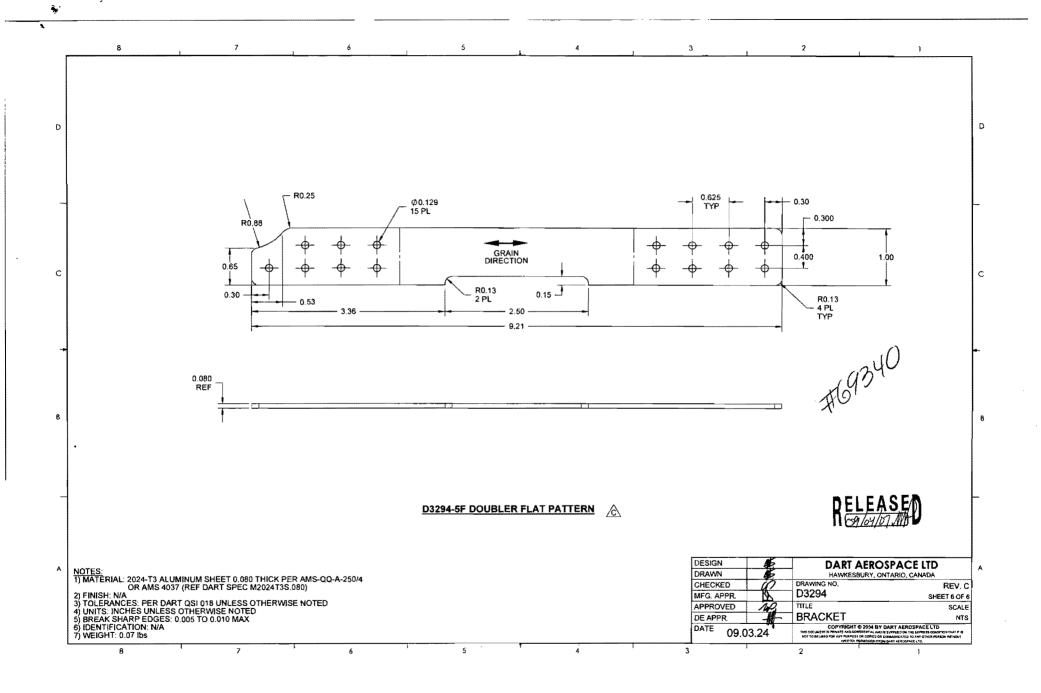


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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sec	Section C		QC Inspector		
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